



Application Number

IDS Flag Clearance for Application 10796192

**IDS  
Information**

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2004-03-10	15	Y <input checked="" type="checkbox"/>	2007-04-06 15:50:44.0	PDharia
<input type="button" value="Update"/>					

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(LCD or liquid adj crystal adj display) and ((counter\$6 same voltage\$1 same signal same line\$1) same connect\$6 same switch\$6 same float\$6) S6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 22:16
L2	1	Nakayoshi SAME Yoshiaki AND Imajo SAME Yoshihiro AND Yanagawa SAME Kazuhiko	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:14
L3	193	Nakayoshi SAME Yoshiaki	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:12
L4	183	Nakayoshi SAME Yoshiaki AND (lcd OR LIQUID ADJ CRYSTAL ADJ DISPLAY)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:13
L5	36	Nakayoshi SAME Yoshiaki AND (lcd OR LIQUID ADJ CRYSTAL ADJ DISPLAY) and parasitic same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:13
L6	1	Nakayoshi SAME Yoshiaki AND (lcd OR LIQUID ADJ CRYSTAL ADJ DISPLAY) and parasitic same capacitance and float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:13
L7	1	Imajo SAME Yoshihiro aND (lcd OR LIQUID ADJ CRYSTAL ADJ DISPLAY) and parasitic same capacitance and float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:14
L8	6	Yanagawa SAME Kazuhiko aND (lcd OR LIQUID ADJ CRYSTAL ADJ DISPLAY) and parasitic same capacitance and float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:14
L9	6	Yanagawa SAME Kazuhiko aND (lcd OR LIQUID ADJ CRYSTAL ADJ DISPLAY) and parasitic same capacitance and float\$6 and counter same electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:15

## EAST Search History

L10	6	Yanagawa SAME Kazuhiko aND (lcd OR LIQUID ADJ CRYSTAL ADJ DISPLAY) and parasitic same capacitance and float\$6 and counter same voltage same signal same line	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:17
L11	1	Yanagawa SAME Kazuhiko aND (lcd OR LIQUID ADJ CRYSTAL ADJ DISPLAY) and parasitic same capacitance and float\$6 same counter same voltage same signal same line	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 18:17
S1	3	("2002351383").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 16:13
S2	473173	(LCD or liquid adj crystal adj display)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 09:31
S3	104395	(LCD or liquid adj crystal adj display) and pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 18:41
S4	26422	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 18:42
S5	0	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and refrence adj voltage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 18:42
S6	1607	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and reference adj voltage\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 18:42
S7	810	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and reference adj voltage\$1 same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 18:43
S8	575	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and reference adj voltage\$1 same signal\$6 same pixel\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 18:43

## EAST Search History

S9	139	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and reference adj voltage\$1 same signal\$6 same pixel\$1 same row\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 18:45
S10	203	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and (reference\$6 or count\$6) adj voltage\$1 same signal\$6 same pixel\$1 same row\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 18:46
S11	31	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and (reference\$6 or count\$6) adj voltage\$1 same signal\$6 same pixel\$1 same row\$6 and float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:00
S12	2	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and (reference\$6 or count\$6) adj voltage\$1 same signal\$6 same pixel\$1 same row\$6 same select\$6 and float\$6 and reduce\$6 same parasit\$6 same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:08
S13	14	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and (reference\$6 or count\$6) adj voltage\$1 same signal\$6 and pixel\$1 same row\$6 same select\$6 and float\$6 and reduce\$6 same parasit\$6 same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:18
S14	0	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and (reference\$6 or count\$6) adj voltage\$1 same signal\$6 and pixel\$1 same row\$6 same select\$6 and float\$6 same reduce\$6 same parasit\$6 same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:21
S15	1	(LCD or liquid adj crystal adj display) and (reference\$6 or count\$6) adj voltage\$1 same signal\$6 and float\$6 same reduce\$6 same parasit\$6 same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:22
S16	0	(LCD or liquid adj crystal adj display) and pixel\$1 and active adj matrix and (reference\$6 or count\$6) adj voltage\$1 same signal\$6 and pixel\$1 same row\$6 same select\$6 and float\$6 same reduce\$6 same parasit\$6 same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:21

## EAST Search History

S17	8	(LCD or liquid adj crystal adj display) and (reference\$6 or count\$6) adj voltage\$1 and float\$6 same reduce\$6 same parasit\$6 same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:25
S18	48	(LCD or liquid adj crystal adj display) and (reference\$6 or count\$6) adj voltage\$1 same float\$6 and reduce\$6 same parasit\$6 same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:25
S19	3	(LCD or liquid adj crystal adj display) and (reference\$6 or count\$6) adj voltage\$1 same float\$6 and reduce\$6 same parasit\$6 same capacitance and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:27
S20	9234	(LCD or liquid adj crystal adj display) and (reference\$6 or count\$6) adj voltage\$1 and signal\$6 float\$6 and reduce\$6 same parasit\$6 same capacitance and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:28
S21	7	(LCD or liquid adj crystal adj display) and (reference\$6 or count\$6) adj voltage\$1 and signal\$6 same float\$6 and reduce\$6 same parasit\$6 same capacitance and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 19:31
S22	44	(LCD or liquid adj crystal adj display) and signal\$6 same float\$6 and reduce\$6 same parasit\$6 same capacitance and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:22
S23	10	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 ) same signal\$6 same float\$6 and reduce\$6 same parasit\$6 same capacitance and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:05
S24	574	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 ) same signal\$6 same float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:05
S25	15	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 ) same (signal\$6 adj float\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:07
S26	0	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 )adj (signal\$6 adj float\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:07

## EAST Search History

S27	3	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 ) same (signal\$6 adj line\$6 adj float\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:11
S28	0	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 ) adj (signal\$6 adj line\$6 and float\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:11
S29	142	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 ) adj line\$6 and float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:12
S30	6	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 ) adj line\$6 same float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:14
S31	53	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 or common) adj line\$6 same float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:14
S32	2	(LCD or liquid adj crystal adj display) and (counter\$6 or reference\$6 or common) adj line\$6 adj float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:15
S33	4	(LCD or liquid adj crystal adj display) and counter same signal\$6 same line same float\$6 and reduce\$6 same parasit\$6 same capacitance and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:31
S34	0	(LCD or liquid adj crystal adj display) and (counter\$6 same voltage\$1 same siganl same line\$1) same connect\$6 same switch\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:33
S35	527	(LCD or liquid adj crystal adj display) and (counter\$6 same voltage\$1 same signal same line\$1) same connect\$6 same switch\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:33

## EAST Search History

S36	363	(LCD or liquid adj crystal adj display) and (counter\$6 same voltage\$1 same signal same line\$1) same connect\$6 same switch\$6 and (gate same signal\$6 same line\$1) same connect\$6 same switch\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:35
S37	4	(LCD or liquid adj crystal adj display) and (counter\$6 same voltage\$1 same signal same line\$1) same connect\$6 same switch\$6 same float\$6 and (gate same signal\$6 same line\$1) same connect\$6 same switch\$6 same float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:42
S38	67	(LCD or liquid adj crystal adj display) and ((counter\$6 same voltage\$1 same signal same line\$1) same connect\$6 same switch\$6 and float\$6) and ((gate same signal\$6 same line\$1) same connect\$6 same switch\$6 and float\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 21:57
S39	13	(LCD or liquid adj crystal adj display) and ((counter\$6 same voltage\$1 same signal same line\$1) same connect\$6 same switch\$6 and float\$6) and ((gate same signal\$6 same line\$1) same connect\$6 same switch\$6 and float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 22:16
S40	4	(LCD or liquid adj crystal adj display) and ((counter\$6 same voltage\$1 same signal same line\$1) same connect\$6 same switch\$6 same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 22:21
S41	8	(LCD or liquid adj crystal adj display) and ((counter\$6 same voltage\$1 same signal same line\$1) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 22:20
S42	76	(LCD or liquid adj crystal adj display) and (((counter\$6 or reference\$6 or common) same voltage\$1 same signal same line\$1) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 22:31
S43	11	(LCD or liquid adj crystal adj display) and (((counter\$6 or reference\$6 or common) same voltage\$1 same signal same line\$1) same connect\$6 same switch\$6 same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 22:22

## EAST Search History

S44	27	(LCD or liquid adj crystal adj display) and (((counter\$6 or reference\$6 or common) same voltage\$1 same (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 23:26
S45	1	(LCD or liquid adj crystal adj display) and (((counter\$6 or reference\$6 or common) same voltage\$1 adj (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 22:32
S46	4	(LCD or liquid adj crystal adj display) and (((counter\$6 or reference\$6 or common) adj voltage\$1 same (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 22:32
S47	22	display and driv\$6 and active adj matrix and (((counter\$6 or reference\$6 or common) same voltage\$1 same (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 23:27
S48	22	display\$6 and driv\$6 and active adj matrix and (((counter\$6 or reference\$6 or common) same voltage\$1 same (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 23:30
S49	0	display\$6 and driv\$6 and active adj matrix and (((counter\$6 or reference\$6 or common) same voltage\$1 adj (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 23:27
S50	6	display\$6 and driv\$6 and control\$6 same (gate or scan\$6) same circuit\$6 same (((counter\$6 or reference\$6 or common) same voltage\$1 same (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 10:27
S51	2549	(LCD or liquid adj crystal adj display) and reduce\$6 same parasitic same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 09:32
S52	803	(LCD or liquid adj crystal adj display) and reduce\$6 adj parasitic same capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 09:32

## EAST Search History

S53	777	(LCD or liquid adj crystal adj display) and reduce\$6 adj parasitic adj capacitance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 09:32
S54	73	(LCD or liquid adj crystal adj display) and reduce\$6 adj parasitic adj capacitance and float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 09:32
S55	10	(LCD or liquid adj crystal adj display) and reduce\$6 adj parasitic adj capacitance and float\$6 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 09:45
S56	8	(LCD or liquid adj crystal adj display) and reduce\$6 adj parasitic adj capacitance and float\$6 and gate and common and electrode\$1 AND "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 09:45
S57	21	display\$6 and driv\$6 same (((counter\$6 or reference\$6 or common) same voltage\$1 same (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 10:28
S58	37	display\$6 and (((counter\$6 or reference\$6 or common) same voltage\$1 same (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 10:28
S59	1	display\$6 and (((counter\$6 or reference\$6 or common) adj voltage\$1 adj (signal adj line\$1)) adj float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 10:30
S60	1	display\$6 and (((counter\$6 or reference\$6 or common) adj voltage\$1 adj (signal adj line\$1)) same float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 10:29
S61	0	display\$6 and (((counter\$6 or reference\$6 or common) adj (signal adj line\$1)) adj float\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 10:29
S62	1	display\$6 and (((counter\$6 or reference\$6 or common) adj voltage\$1 adj (signal adj line\$1)) adj float\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 10:30

## EAST Search History

S63	0	display\$6 and (((counter\$6 or reference\$6 or common) adj voltage\$1 and (signal adj line\$1)) adj float\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 10:30
S64	7	display\$6 and (counter\$6 or reference\$6 or common) adj voltage\$1 and signal adj line\$1 adj float\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 10:31
S65	2	"62116924"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 12:00
S66	4	"6266116".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 12:47
S67	1937228	"6266116".pn. and "FIG." "39"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 12:48
S68	0	"6266116".pn. and "FIG." adj "39"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 12:48
S69	0	"6266116".pn. and "FIG." same "39"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 12:49
S70	1	"6266116".pn. and "39"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/06 12:49